



CITY OF LODI COUNCIL COMMUNICATION

AGENDA TITLE: Approve Plans and Specifications and Authorize Notice for Bids for Asphalt Rubber Cape Seal, Various Streets 2008 Project

MEETING DATE: May 21, 2008

PREPARED BY: Public Works Director

RECOMMENDED ACTION: Approve the plans and specifications for the Asphalt Rubber Cape Seal, Various Streets, 2008 project and authorize notice for bids.

BACKGROUND INFORMATION: This project includes the application of an asphalt rubber cape seal on various City streets. The streets were identified through the City's Pavement Management System based on the condition of the street pavement and the traffic load. The attached exhibits show the streets that will receive the cape seal.


The Asphalt Rubber Cape Seal, Various Streets, 2008 project consists of the rehabilitation and resurfacing of various City streets with a layer of asphalt rubberized chip seal followed by a layer of slurry seal on top. The combination of the asphalt rubberized chip seal and the slurry is commonly known as a cape seal. An asphalt rubberized cape seal provides a cost-effective alternative to a more costly asphalt overlay to extend the life and rehabilitate deteriorated roads and streets within the City. This new method of pavement rehabilitation has been used the past two years in Lodi and staff would like to continue using it as another method of maximizing limited street maintenance resources.

While a slurry seal only seals the road and provides a new wearing surface, the asphalt rubberized cape seal provides added strength, stability and crack reduction benefits similar to the performance benefits of an overlay but at a much lower cost.

There will be temporary street closures on the day of the asphalt rubberized chip seal and again, approximately one week later, on the day of the slurry seal. Immediately after the placement of the asphalt rubberized chip seal, the contractor will use rollers to seat the chips into the asphalt oil. The contractor will then provide a minimum of three sweepings to pick up the loose chips. Two days after the placement of the chip seal (but no more than seven days later) the contractor will again close the street for the slurry seal. The contractor will work with our Street Division in providing advance notification to the public regarding the dates and times of these temporary closures. Residents, businesses, and schools in the area will receive a notice two weeks prior to the chip seal work and a door hanger will be distributed 48 hours before the contractor starts work on each street.

The Public Works Department has also applied for a rubberized asphalt concrete chip seal grant from the California Integrated Waste Management Board. If this grant application is approved, the City will receive \$134,875 to offset a portion of the project costs.

APPROVED:


Blair King, City Manager

The plans and specifications for this project are on file in the Public Works Department. Approximately 135,000 square yards of City streets are included in this project.

FISCAL IMPACT: The money for this project will be coming from Proposition 42 Funds. By investing in the recommended overlay project, significant capital dollars will be saved by extending the useful life of the pavement and foregoing more costly rehabilitation.

FUNDING AVAILABLE:

Project Estimate	\$1,000,000
Budgeted:	2008/09 fiscal year
Planned Bid Opening:	June 18, 2008



F. Wally Sandelin
Public Works Director

Prepared by Wesley K. Fujitani, Senior Civil Engineer
FWS/WKF/pmf
Attachments
cc: Purchasing Officer
Streets and Drainage Manager

2008
ASPHALT RUBBER CAPE SEAL PROJECT

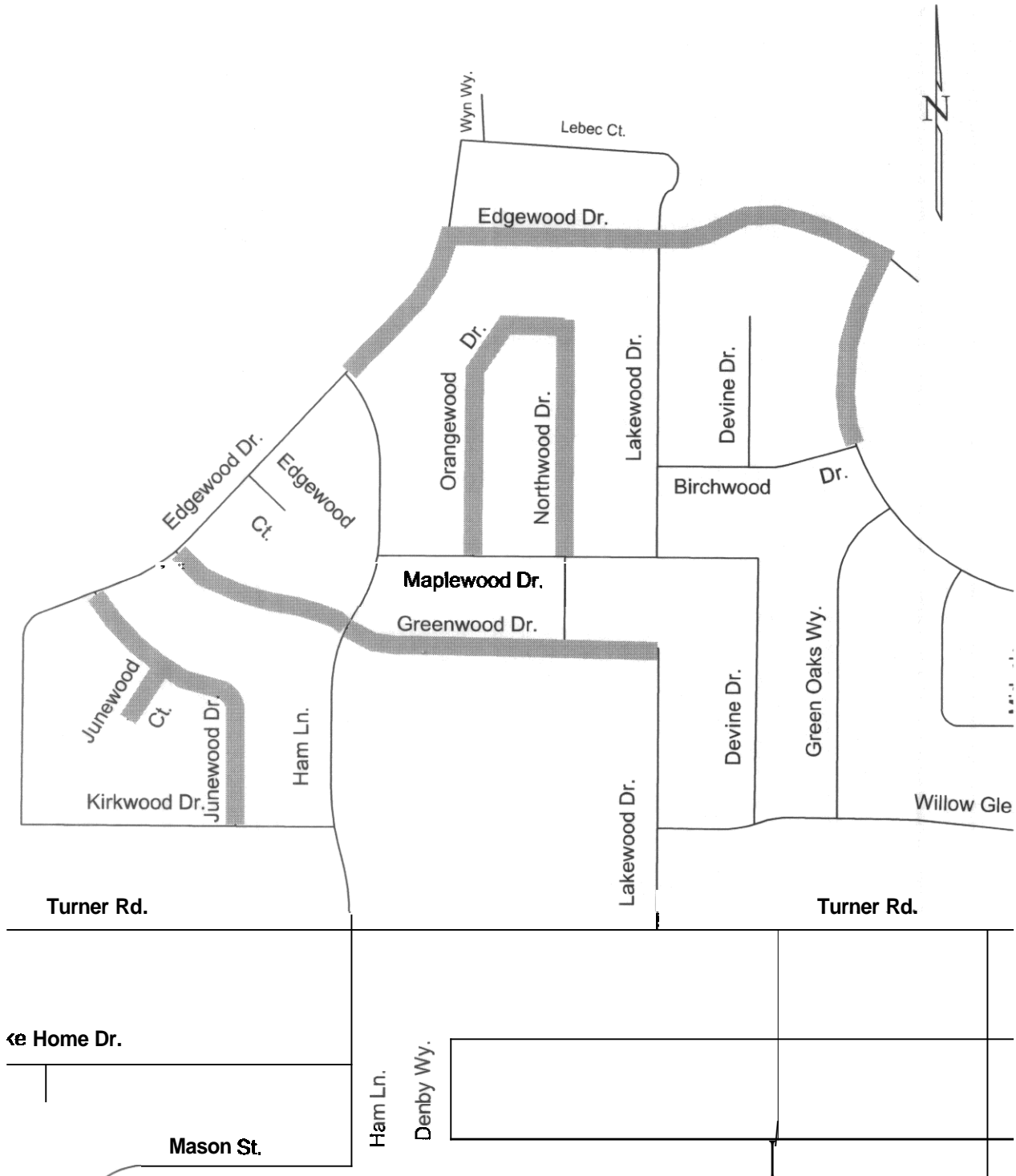
STREET NAME	FROM	TO
Ham Lane	Kettleman	Lodi
Mills Ave.	Elm	Turner
Edgewood Dr.	Ham	Birchwood
Junewood Dr.	Kirkwood	Edgewood
Junewood Ct.	End	Junewood Dr.
Greenwood	Edgewood	Lakewood
Orangewood	Maplewood	Northwood
Northwood	Orangewood	Maplewood
Rutledge Dr.	Elm	Tejon
Dover	Royal Crest	Kent
Kent	Tudor	Downing
Virginia Ave	Tokay	Mills
Klamath	Tioga	Rutledge
El Capitan	Modoc	Tejon
Crescent Ave	Kettleman	Elm



CITY OF LODI

PUBLIC WORKS DEPARTMENT

CAPE SEAL AREA 1 WILLOW GLEN AREA





CITY OF LODI

PUBLIC WORKS DEPARTMENT

CAPE SEAL AREA 2 MILLS, RUTLEDGE EL CAPITAN, KLAMATH

